## Comments

## Responses

TESTIMONY OF WILLIAM N. WHEELER, APRIL 30, 1986, BEFORE THE ALTERNATIVE COOLING WATER DRAFT EIS PUBLIC HEARING

My name is William N. Wheeler. I am here on my own behalf and I have a statement to make in an effort to get an answer to a question.

AD-1

Any of the DOE information that I have seen in the past following through with the late investigation in L-Reactor gave cost figures, but they gave no breakdown of those costs; and having been employed as an engineer in the fuel and power industry, I would be very curious as to see the cost breakdown of the estimates as far as the money being expended. It is an extremely large sum of money; and I think the public should be shown how the money should be spent. Thank you.

The cost breakdown for cooling towers varies with the type of tower and the location selected. The following breakdown of costs for cooling tower systems under consideration was developed for planning purposes. These percentages would range between the values presented when the final design has been approved.

## Mechanical draft, once-through or recirculating towers

- Cooling tower, tower basin, tower foundations, tower preparation area, (leveling, grading) diversion boxes, pump pits and piping, 79 to 83 percent of the estimated cost.
- Electrical distribution upgrade, extension of power to tower site, and electrical control building at the tower site, 12 to 17 percent of the estimated cost.
- Canals, headwalls, clearing and grubbing, access roads, chlorinated and dechlorination systems, including chemical storage, 3 to 6 percent of the estimated cost.

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## <u>Gravity-fed. once-through or recirculating towers</u>

- Cooling tower, tower basin, tower foundations, tower preparation area, (leveling, grading) diversion boxes, pump pits and piping, 71 to 83 percent of the estimated cost.
- Electrical distribution upgrade, extension of power to tower site, and electrical control building at the tower site, 7 to 19 percent of the estimated cost.
- Canals, headwalls, clearing and grubbing, access roads, chlorination and dechlorination systems, including chemical storage, 10 to 13 percent of the estimated cost.

Also see response to comment BC-6.